SIVA VAISHALI B

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OBJECTIVE

Dedicated Information Science engineering student with a strong foundation in Python, and Java programming languages, including Data Structures. Skilled in full-stack development with experience in building single-page web applications. Proven ability to solve programming challenges, train machine learning models, and efficiently prioritize tasks to meet deadlines. Eager to apply problem-solving abilities and development expertise to projects.

EDUCATION

Bachelor of Engineering   2022- Present

R N S Institute of Technology, Bengaluru

- Information Science and Engineering
- CGPA - 9.44
- Semester Topper - I, II

Pre-University Course

Deeksha C F L PU College, Bengaluru - 96.33   2020 - 2022

Higher Education

Rashttrotthana Vidya Kendra, Bengaluru - 94.4%   2020

PROJECTS

- **SIGNAMATE**

A real-time Indian Sign Language(ISL) recognition system using MediaPipe and SVM, with text-to-speech and multilingual translation capabilities.

- **NEWS HEADLINE REAL VS. SATIRE CLASSIFIER**

Built a full-stack web application using React.js for the frontend and Flask for the backend to classify news headlines as real or satire using a Logistic Regression model trained on TF-IDF features. Integrated model predictions via RESTful API and deployed a production-ready frontend using React's build.

- **AI- RESUME SCREENING TOOL**

Built a web application that uses natural language processing (NLP) to analyze resumes against job role requirements, providing automated scoring, insights, and candidate selection recommendation.

- **ONLINE EXAMINATION SYSTEM**

The Online Examination System is a web-based platform designed to streamline the examination process using Streamlit(open source python library) and MySQL.

CERTIFICATES

- Completed Generative AI certification from GUVI & Introduction to Networking and Cloud Computing
- Pursuing AWS Cloud Practitioner Essentials from AWS Skill Builder
- Completed CSS, Bootstrap, JavaScript, PHP and Full-stack course from Udemy
- Completed a Data Science Job Simulation certification from British Airways.
- Attended a workshop on "Web Development" and "Power BI" and won a Certificate of Excellence.

ADDITIONAL ACHIEVEMENTS

- District level Kho - Kho player
- Participated in Step-up 5.0 marathon, Rakuten Product Conference 2024, conducted by Rakuten India
- Medal of Merit

TECHNICAL SKILLS

- JAVA, PYTHON, C
- FULL STACK DEVELOPMENT
- SQL, POWER BI
- AI/GEN-AI

SOFT SKILLS

- Project Presentation
- Organization
- Logical thinking
- Time management

LANGUAGES KNOWN

English, Tamil, Kannada, Hindi